Claims

1. Soundboard of composite fibre material construction for acoustic musical instruments, particularly for use as at least one of the two soundboards of the resonant body of bowed stringed instruments, consisting of a core plate (1) and a fibre coating (2) which is provided in the region of at least one of the two outer faces of the core plate and consists of long fibres which are embedded in a carrier material, characterised in that the fibre coating (2) is single-layer and at the same time multidirectional.

2. Soundboard as claimed in Claim 1, characterised in that in at least one fibre coating the proportion of fibres per unit area is variably distributed over the total area.

3. Soundboard as claimed in Claim 1, characterised in that at least some of the fibres have changes in direction (6).

4. Soundboard as claimed in Claim 1, characterised in that the fibres of individual fibre groups have a similar direction.

5. Soundboard as claimed in Claim 1, characterised in that the fibre coating (2) is provided only on at least a part-zone of at leastone outer face of the core plate, the fibre coating (2) preferably taking the form of individual strips (3) or individual zones (4) which are separated from one another.

6. Soundboard as claimed in Claim 1, characterised in that the fibre characteristics such as thread fineness or thread thickness are variable over the total area of the fibre coating (7).

7. Soundboard as claimed in Claim 1, characterised in that the run of the fibres of the fibre coating (2) on the upper face of the core plate (1) deviates from the run of the fibres on the lower face of the core plate (1).

8. Soundboard as claimed in Claim 1, characterised in that in addition to the fibre coating a thin damping layer (12) is provided in at least one part-zone of the total area of the soundboard.

9. Prepreg (preimpregnated fibres) in the form of a fibre layer consisting of long fibres which are embedded in a carrier material (matrix), characterised in that the fibre layer is single-layer and at the same time multidirectional.

10. Soundboard of composite fibre material construction for acoustic musical instruments, particularly for use as at least one of the two soundboards of the resonant body of bowed stringed instruments, consisting of a core plate (1) and a fibre coating (2) which is provided in the region of at least one of the two outer faces of the core plate and consists of long fibres which are embedded in a carrier material, characterised in that the fibre coating (2) multidirectional and at the same time provided only on at least a part-zone of at least one outer face of the core plate (1), the fibre coating (2) preferably taking the form of individual strips (3) or individual zones (4) which are separated from one another.